

AMENDMENTS TO THE CLAIMS

1. (Currently amended): A radio terminal comprising:

content acquisition means for acquiring a content on the Internet by radio;

content transfer means for transferring the content acquired by the said

content acquisition means to an external server;

content request means for, after transfer of the content, requesting the external server to transmit content data converted into a data format that the radio terminal can reconstruct in accordance with a content reconstruction capability of a self device;

a memory which stores content storage means for storing converted content data received from the external server in response to a request from saidthe content request means; and

content reconstruction means for reconstructing the content data stored in saidthe content storage means.

2. (Canceled).

3. (Canceled).

4. (Currently amended): AThe terminal according to claim 31, wherein

saidthe terminal further comprises determination means for determining whether the content transferred to the external server can be reconstructed by the self deviceradio terminal without any conversion, and

when a determination result from saidthe determination means indicates that the content can be reconstructed by the radio terminalself device, saidthe content reconstruction means directly reconstructs the content acquired by saidthe content acquisition means without receiving the converted content from the external server.

5. (Currently amended): AThe terminal according to claim 1, wherein before the content data from ~~said~~the radio terminal is reconstructed, ~~said~~the content reconstruction means reconstructs in advance, as part of contents of the content, at least part of contents of the content transferred to the external server, which can be reconstructed by the radio terminal~~self~~ device.

6. (Currently amended): AThe terminal according to claim 1, wherein ~~said~~the content acquisition means requests the external server to acquire the content, and

~~the external server directly performs data transmission/reception operation for content acquisition to/~~requests and acquires the content from the Internet in response to the content acquisition request.

7. (Canceled).

8. (Canceled).

9. (Currently amended): An information processing system, comprising:

(A) having a radio terminal connected to the Internet by radio and ~~an~~ external server connected to ~~said~~ radio terminal, ~~said~~ radio terminal comprising:

(1) content acquisition means for acquiring a content on the Internet by radio;

(2) content transfer means for transferring the content acquired by ~~said~~the content acquisition means to ~~said~~ an external server;

(3) content request means for requesting ~~said~~the external server to transmit a content corresponding to a reconstruction capability of a self deviee into a data format that the radio terminal can reconstruct; and

(4) content reconstruction means for reconstructing the content data received from saidthe external server in response to a request from saidthe content request means, and

(B) the said external server in communication with the radio terminal and comprising:

(1) a memory which stores content storage means for storing the content transferred from saidthe radio terminal by saidthe content transfer means;

(2) content conversion means for converting the content stored in saidthe content storage means into content data based on the request from saidthe content request means; and

(3) content transmission means for transmitting the content data converted by saidthe content conversion means to saidthe radio terminal in response to the request from saidthe content request means.

10. (Currently amended): AThe system according to claim 9, wherein saidthe content acquisition means comprises:

an internal server for sending/receiving a data request and response to/from the Internet, Internet; and

a data transfer medium for receiving the content from the Internet by controlling saidthe internal server.

11. (Currently amended): AThe system according to claim 10, wherein saidthe content acquisition means sends a content acquisition request to saidthe external server, and

saidthe external server performs data transmission/reception operation for content acquisition to/from the Internet through saidthe radio terminal in response to the content acquisition request.

12. (Currently amended): An external processing terminal comprising:
content reception means, connected to a radio terminal for acquiring a content on the Internet, for receiving the content on the Internet, which is transferred from the radio terminal;
content conversion means for converting the content received by saidthe content reception means into content data having a data format that the radio terminal can reconstruct based on a request from the radio terminal; and
content transmission means for transmitting the content data converted by saidthe content conversion means to the radio terminal.
13. (Currently amended): The external processingA terminal according to claim 12, further comprising content reconstruction means for reconstructing the content received by saidthe content reception means without any conversion.
14. (Currently amended): The external processingA terminal according to claim 12, wherein saidterminal further comprises comprising a memory which stores content storage means for storing the content received by saidthe content reception means, and wherein saidthe content conversion means converts the content stored in saidthe content storage means into the content data corresponding to a reconstruction capability of the radio terminal when a content transmission request is received from the radio terminal.
15. (Currently amended): The external processingA terminal according to claim 12, wherein saidthe content reception means receivesperforms content reception operation from the Internet through the radio terminal in response to a content acquisition request from the radio terminal.

16. (New): The external processing terminal of claim 12, wherein the content reception means is connected to the radio terminal using radio communications, a dedicated communication cable, or infrared communications.

17. (New): A radio terminal which communicates with devices on the Internet through radio communications, comprising:

a memory;

an internal web server;

a first interface which provides data communications with the Internet through radio communications; and

a second interface which provides data communications with the Internet through means other than radio communications;

wherein the memory, internal web server, first interface, and second interface are coupled together for data communications; and

wherein the radio terminal acquires web page content through one or more of the first and second interfaces using the internal web server, the so acquired content being stored in the memory, converts the stored content into a data format that the radio terminal can reconstruct, and reconstructs the converted data.

18. (New): The terminal according to claim 17, wherein

the terminal further comprises a second memory which stores the converted data, and

the terminal reconstructs the stored data.

19. (New): A method of browsing content comprising a web page and associated contents from a content server on the Internet using a cellular telephone, the method comprising:

- requesting content from the content server through radio communications;
- receiving the content through radio communications;
- storing the received content;
- converting the stored content into a data format that the telephone can reconstruct; and
- reconstructing the so converted content data.

20. (New): The method of claim 19, further comprising:

- transferring the content received to an external server; and
- requesting that the external server transmit the so converted content data.

21. (New): The method of claim 20, further comprising:

- determining whether the received content is in a data format that the telephone can reconstruct; and
- reconstructing the so formatted content.

22. (New): The method of claim 21, further comprising:

- reconstructing the so formatted content before transferring content not in such format to the external server.

23. (New): The method of claim 20, wherein the telephone requests the content from the content server, but the content is received by the external server.

24. (New): The method of claim 20, wherein the telephone requests the content from the external server, and the method further comprises the external server requesting the content from the content server through the telephone.